ORGANIC ELECTROLUMINESCENCE ELEMENT

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Abstract of **JP2002069044**

PROBLEM TO BE SOLVED: To provide an organic electroluminescence element having a high heat resistance, and high luminous efficiency, and further to provide a new hydrocarbon compound usable for achieving the element. SOLUTION: This new hydrocarbon compound is represented by the general formula (1): Xn-Ar1, wherein, Ar1 is a substituted or unsabstituted 6-40C aromatic ring group, a substituted or unsabstituted 6-40C arylamino group, a substituted or unsabstituted 6-60C diaminoaryl group, a substituted or unsabstituted 6-60C triaminoaryl group, a substituted or unsabstituted 3-40C heterocyclic group or a substituted or unsabstituted ethenylene; X is a monovalent group having a fluoranthene structure; and n is an integer of 2-4. The organic electroluminescence element has at least one layer of an organic compound layer having a luminous layer, containing the new hydrocarbon compound.